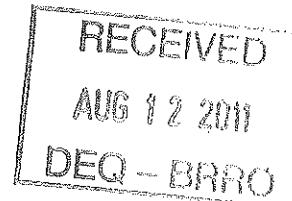




8809 Sudley Road
Manassas, VA 20110
Telephone: 703-396-6730
Facsimile: 703-396-6743

July 28, 2011

Virginia Department of Environmental Quality
Blue Ridge Regional Office
Attn: Frank Bowman
7705 Timberlake Road
Lynchburg, VA 24502



Dear Mr. Bowman-

Apex is pleased to submit this application for the VPDES Permit Renewal for permit #VA0051926. Apex has attached Form 1, Form 2C, and the VPDES Permit Application Addendum.

This permit renewal application differs from the previous permit in that Colonial Pipeline-Mitchell Junction's oil/water separator no longer discharges to Outfall #101. This oil/water separator is now a closed system and the water is stored in a separate tank and disposed of off site. Therefore, Apex is only requesting a discharge permit for the storm water run-off and hydrostatic testing that flow into the ponds associated with Outfalls #001 and #002.

It should also be noted that during the sample collection, Outfall #002 was not flowing. Thus, the sample collected from Outfall #002 was taken from the pond near the intake for the outfall.

If you have questions or comments, please contact me at (703) 396-6730.

Sincerely,

APEX COMPANIES, LLC

Andrea L. Owen
Sr. Project Manager

United States
Environmental Protection
Agency

Office of
Enforcement
Washington, DC 20460

EPA Form 3510-1
Revised August 1990

Permits Division



Application Form 1 – General Information

Consolidated Permits Program



This form must be completed by all persons applying for a permit under EPA's Consolidated Permits Program. See the general instructions to Form 1 to determine which other application forms you will need.

Please print or type in the unshaded areas only.

Form Approved. OMB No. 2040-0086.

FORM 1		U.S. ENVIRONMENTAL PROTECTION AGENCY GENERAL INFORMATION <i>Consolidated Permits Program</i> <i>(Read the "General Instructions" before starting.)</i>			I. EPA I.D. NUMBER				
LABEL ITEMS I. EPA I.D. NUMBER III. FACILITY NAME V. FACILITY MAILING ADDRESS VI. FACILITY LOCATION		PLEASE PLACE LABEL IN THIS SPACE			S			T/A	C
					F	VA0051926		D	
					1	2	13	14	15
					GENERAL INSTRUCTIONS If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (<i>the area to the left of the label space lists the information that should appear</i>), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete Items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.				

INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.

SPECIFIC QUESTIONS	Mark "X"			SPECIFIC QUESTIONS	Mark "X"		
	YES	NO	FORM ATTACHED		YES	NO	FORM ATTACHED
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)	15	17	18	B. Does or will this facility (<i>either existing or proposed</i>) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)	19	20	21
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)	22	23	24	D. Is this a proposed facility (<i>other than those described in A or B above</i>) which will result in a discharge to waters of the U.S.? (FORM 2D)	25	26	27
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)	28	29	30	F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)	31	32	33
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)	34	35	36	H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)	37	38	39
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)	40	41	42	J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 6)	43	44	45

III. NAME OF FACILITY

c	1	SKIP	COLONIAL PIPELINE CO. - MITCHELL JUNCTION						63
15	16 - 20	50							

IV. FACILITY CONTACT

A. NAME & TITLE (last, first, & title)										B. PHONE (area code & no.)									
c	2	MEAGAN KEARNEY									(804) 375-3268								
15	16																		
45	46	47	48	49	51	52	53	54	55	56	57	58	59	60	61	62	63	64	

V. FACILITY MAILING ADDRESS

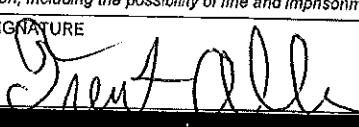
A. STREET OR P.O. BOX										C. STATE										D. ZIP CODE									
c	3	425 DUNCAN STORE RD									VA									23038									
15	16																												
45	46	47	48	49	51	52	53	54	55	56	57	58	59	60	61	62	63	64											

VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER										C. CITY OR TOWN										D. STATE										E. ZIP CODE										F. COUNTY CODE (if known)									
c	5	425 DUNCAN STORE ROAD									COLUMBIA									VA									23038																				
15	16																																																
45	46	47	48	49	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76																			

B. COUNTY NAME										D. STATE										E. ZIP CODE										F. COUNTY CODE (if known)									
c	6	CUMBERLAND									VA									23038																			
15	16																																						
45	46	47	48	49	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76									

CONTINUED FROM THE FRONT

VII. SIC CODES (4-digit, in order of priority)											
A. FIRST											
C 1 1 7 4613 15 16 - 19				(specify) REFINED PETROLEUM PRODUCTS PIPELINE				B. SECOND			
C 1 1 7 N/A 15 16 - 19				C 1 1 7 N/A 15 16 - 19				(specify)			
C. THIRD											
C 1 1 7 N/A 15 16 - 19				(specify)				D. FOURTH			
C 1 1 7 N/A 15 16 - 19				(specify)							
VIII. OPERATOR INFORMATION											
A. NAME											
8 COLONIAL PIPELINE COMPANY											
15 16											
B. Is the name listed in Item VIII-A also the owner? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO											
55 56											
C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other," specify.)											
F = FEDERAL S = STATE P = PRIVATE				M = PUBLIC (other than federal or state) O = OTHER (specify)				P (specify) N/A 56			
								D. PHONE (area code & no.) A (678) 762-2200 15 16 - 18 19 - 21 22 - 26			
E. STREET OR P.O. BOX											
PO BOX 1624											
26 27											
68											
F. CITY OR TOWN											
B ALPHARETTA											
15 16											
G. STATE				H. ZIP CODE				IX. INDIAN LAND			
GA				30009				Is the facility located on Indian lands? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 57 58			
X. EXISTING ENVIRONMENTAL PERMITS											
A. NPDES (Discharges to Surface Water)											
C 1 1 9 N 15 16 17 18				VA0051926				D. PSD (Air Emissions from Proposed Sources)			
								C 1 1 9 P 15 16 17 18			
								NA			
30 31											
B. UIC (Underground Injection of Fluids)											
C 1 1 9 U 15 16 17 18				NA				E. OTHER (specify)			
								C 1 1 9 15 16 17 18			
								NA			
30 31											
C. RCRA (Hazardous Wastes)											
C 1 1 9 R 15 16 17 18				NA				E. OTHER (specify)			
								C 1 1 9 15 16 17 18			
								NA			
30 31											
XI. MAP											
Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers, and other surface water bodies in the map area. See instructions for precise requirements.											
XII. NATURE OF BUSINESS (provide a brief description)											
Colonial Pipeline Company is a federally regulated common carrier pipeline transporting refined petroleum products into and out of the Mitchell Junction facility solely by pipeline. Colonial's Mitchell Junction facility is a pipeline breakout station with delivery lines servicing Richmond, Norfolk, Roanoke.											
XIII. CERTIFICATION (see instructions)											
I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.											
A. NAME & OFFICIAL TITLE (type or print) Trent Allen, Operation's Manager				B. SIGNATURE 				C. DATE SIGNED 8/2/11			
COMMENTS FOR OFFICIAL USE ONLY											
C 1 1 15 16											
66											

VPDES PERMIT APPLICATION ADDENDUM - SUPPLEMENTARY INFORMATION

A. General Information

1. Entity to whom the permit is to be issued: Colonial Pipeline Company - Trent Allen
Who will be legally responsible for the wastewater treatment facilities and compliance with the permit? This may or may not be the facility or property owner.
2. Classify the discharge as one of the following by checking the appropriate line:
 a. Existing discharge
 b. Proposed discharge
 c. Proposed expansion of an existing discharge

B. Location

1. Is this facility located within city or town boundaries? Y / N No
2. What is the tax map parcel number for the land where this facility is located? Tax Parcel# 014-A-33 Tax Map #14
3. For the facility to be covered by this permit, how many acres will be disturbed during the next five years due to new construction activities? None planned
4. What is the total acreage of the property on which the treatment plant is located? 183
5. Give the minimum elevation of the treatment plant site. 330 feet
6. Flood elevations of the treatment plant site:
25 year flood N/A feet
100 year flood N/A feet
7. Attach to the back of this application a location map(s) which may be traced from or is/are a production of a U.S. Geological Survey topographic quadrangle(s) or other appropriately scaled contour map(s). The location map(s) shall show the following:
 - a. Treatment Plant
 - b. Discharge Point
 - c. Receiving waters
 - d. Boundaries of the property on which the treatment plant is located, or to be located.
 - e. Distance from the treatment plant to the nearest: (Indicate "not applicable" for any distance greater than 2000 feet)
 - i. Residence
 - ii. Distribution line for potable water supply N/A
 - iii. Reservoir, well, or other source of water supply
 - iv. Recreational area N/A

Addendum -- Supplementary Information
Page 2 of 3

- f. Distance from the discharge point to the nearest: (Indicate "not applicable" for any distance greater than 15 miles)
- i. Downstream community
 - ii. Upstream and downstream water intake points
 - iii. Shellfishing waters N/A
 - iv. Wetlands area N/A
 - v. Downstream impoundment N/A
 - vi. Downstream recreational area N/A

C. Discharge Description

1. Provide a brief description of the wastewater treatment scheme. Also, to the back of this application, attach a process flow diagram showing each process unit of the treatment plant, including all bypass piping and all backup power sources or redundancy in the system.

Stormwater runoff from both the facility yard and the bermed tank areas flows into one of two retention ponds (depending on location in the yard).

Hydrostatic test water goes straight into the larger retention pond, which discharges to Big Cattail Creek from outfall 001. Stormwater runoff only flows into outfall 002 which discharges to an unnamed tributary which flows into Sports Lake

2. What is the design average flow of this facility? N/A MGD
Industrial facilities:
What is the max. 300-day avg. production levels (include units)? 0.50 MGD/event (hydrostatic testing)
3. In addition to the above design flow or production level, should the permit be written with limits for any other discharge flow tiers or production levels? Y / N No
If "Yes," please specify the other flow ties (in MGD) or production levels: _____
Please consider: Is your facility's design flow considerably greater than your current flow? Do you plan to expand operations during the next five years?
4. Nature of operations generating wastewater: stormwater run-off and occasional hydrostatic test water only
0 % of flow from domestic connections/sources
Number of private residences to be served by the wastewater treatment facilities:
0 1-49 50 or more
100 % of flow from non-domestic connections/sources
5. Mode of discharge: x Continuous x Intermittent x Seasonal
Describe frequency and duration of intermittent or seasonal discharges:
Outfall 001 is continuous Outfall 002 only flows during heavy rain events

Addendum -- Supplementary Information
Page 3 of 3

6. Identify the characteristics of the receiving stream at the point just above the facility's discharge point:

- Permanent stream, never dry
 Intermittent stream, usually flowing, sometimes dry
 Ephemeral stream, wet-weather flow, often dry
 Effluent-dependent stream, usually or always dry
 Lake or pond at or below the discharge point
 Other: See Map

D. Anticipated Phasing Schedule for Plant Capacity – Proposed/Expanding Discharges

If this application is for a proposed or expanded discharge(s), complete the phasing schedule below beginning with the year in which construction completion is anticipated and progressing in increments of 5 years for 30 years thereafter.

Proposed Design Capacity: N/A MGD

Anticipated Date of Construction Completion: N/A Month/Year

Years after Completion	Projected Flow (MGD)
0	
5	
10	<u>N/A</u>
15	
20	
25	
30	

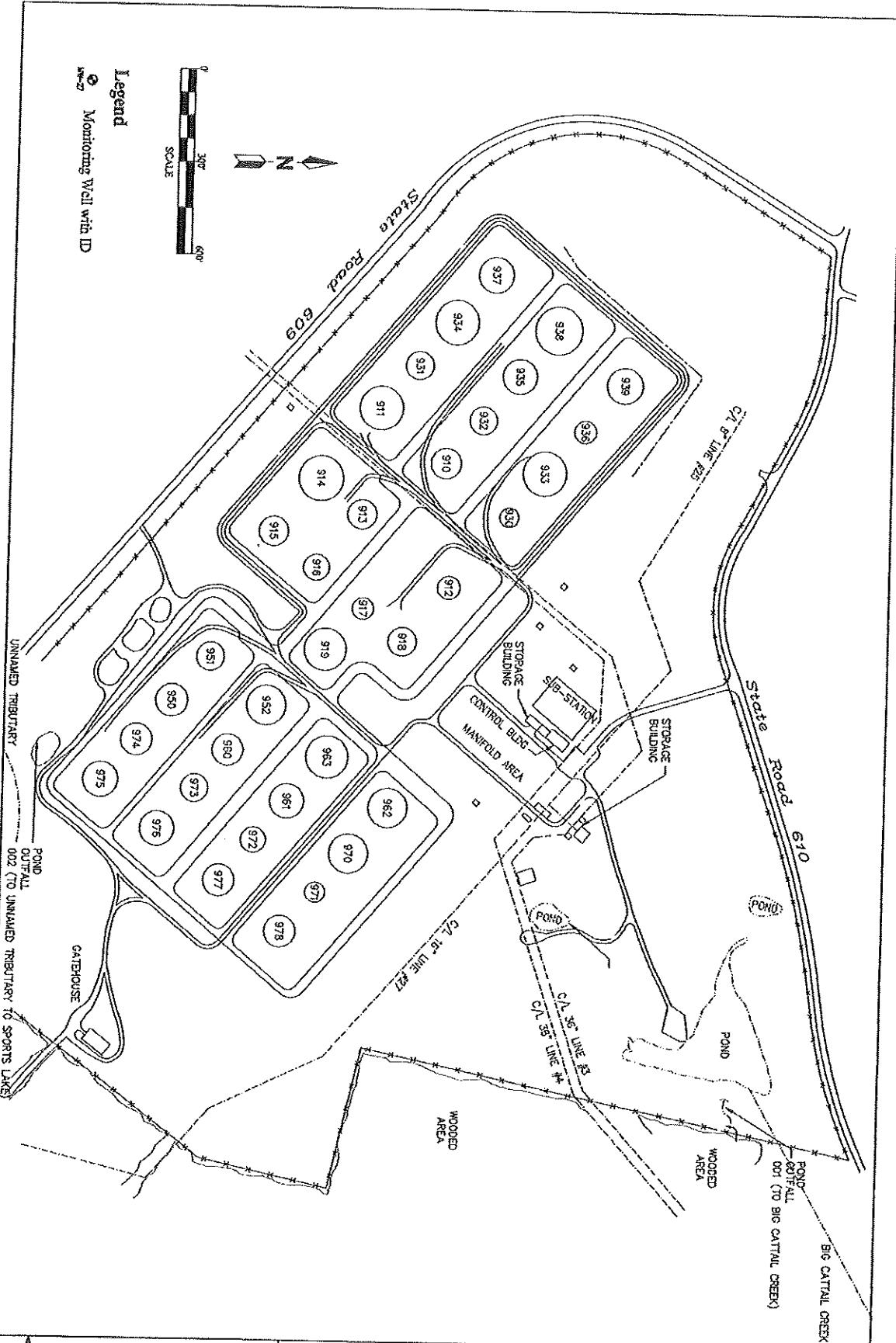
E. Interim Facilities

Are the wastewater treatment facilities interim? (Designed for a useful life of less than 5 years) Y/N N/A

If "Yes," provide the estimated date to be discontinued (month,year) _____, and the name and location of the intended replacement facility.

F. List of Materials Stored at Facility (i.e., chemicals, petroleum products)

Material	Amount (monthly avg)	Stored Location
Gasoline	Throughput 3,695,225 bbl	Breakout Tanks 910 - 919 and 930 - 939
Fuel oil	Throughput 2,148,076 bbl	Breakout Tanks 960 - 963 and 970 - 978
Kerosene	Throughput 487,122 bbl	Breakout Tanks 950 - 953
Hydraulic oil	770 gallons	Pole barn storage area

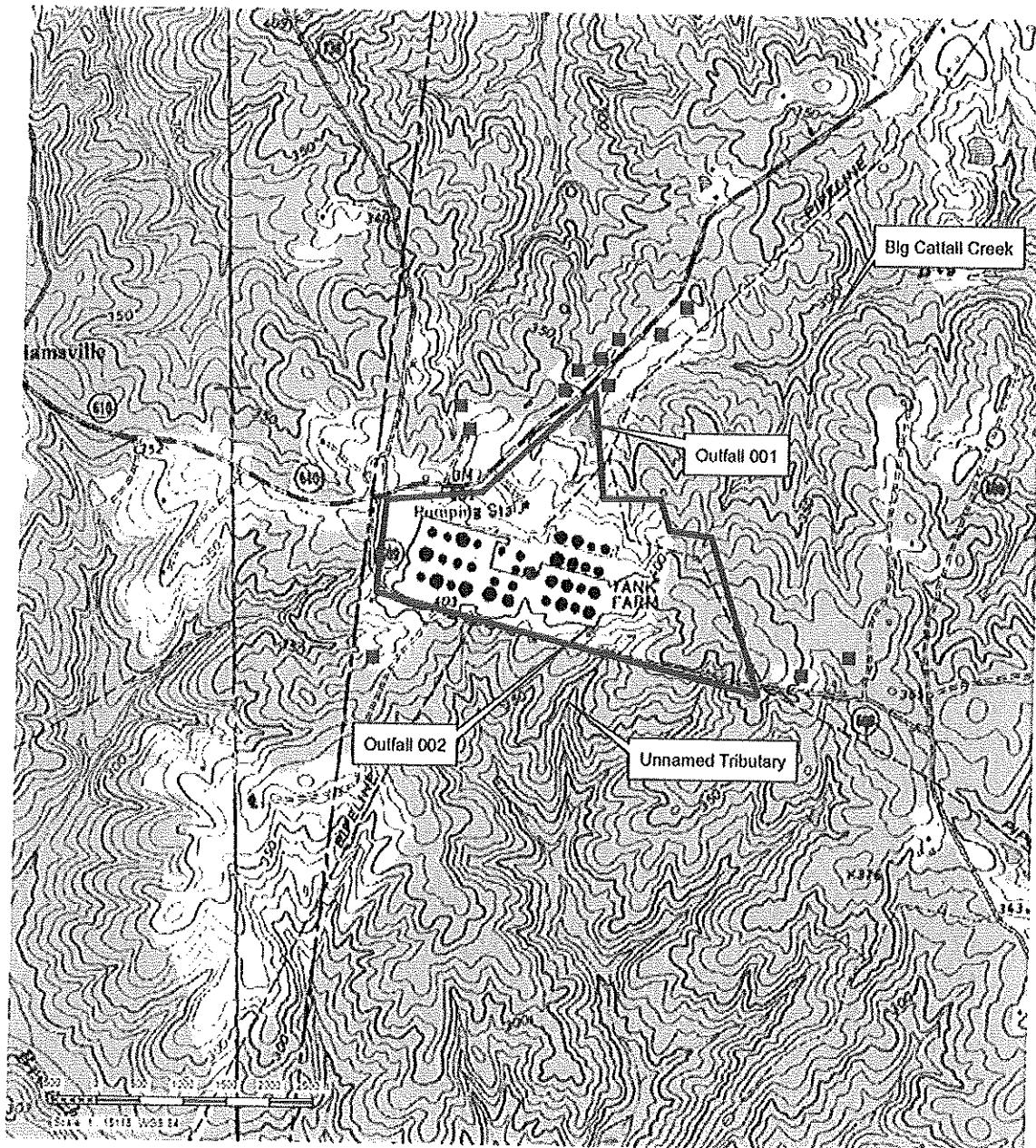


6509 SUDLEY ROAD
MANASSAS, VIRGINIA 20110
TELEPHONE: (703) 398-0730
FACSIMILE: (703) 398-5743

COLONIAL PIPELINE COMPANY
MITCHELL JUNCTION FACILITY
425 DUNCAN STORE ROAD
COLUMBIA, VIRGINIA

FIGURE 1 SITE MAP

LAW
CPC



Legend

	Known Drinking Water Wells
	Property Boundary



8809 Sudley Road
Manassas, VA 20110
Telephone: (703)396-6730
Facsimile: (703)396-6743



Figure 2

Source:
USGS Topographic Map
Lakeside Village Quadrangle
Scale: As Shown
Mitchell Junction
Columbia, Virginia

Project Name:
Mitchell Junction

Project Number:
CPC11008.002

Drawn By: JEN

Date: 7/23/2011



United States
Environmental Protection
Agency

Office of
Enforcement
Washington, DC 20460

EPA Form 3510-2C
Revised August 1990
Previous editions
are obsolete

Permits Division

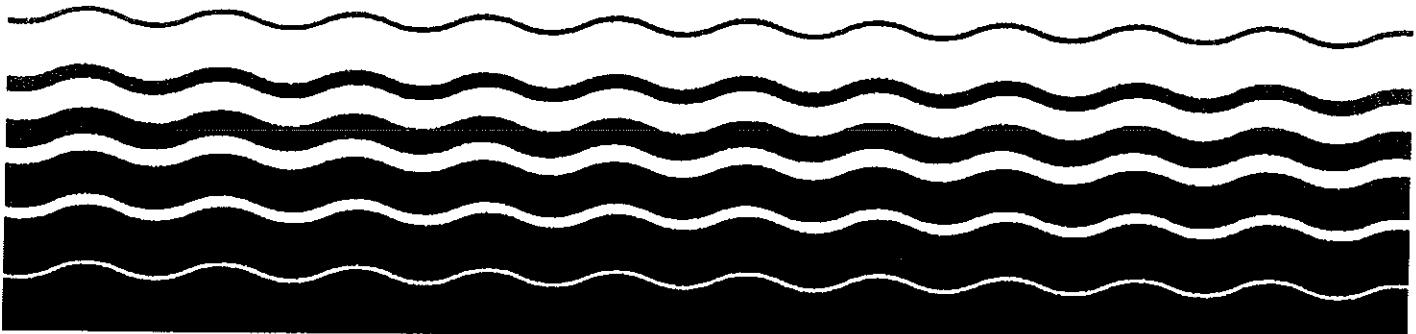
Application Form 2C – Wastewater Discharge Information

Consolidated Permits Program

This form must be completed by all persons applying
for an EPA permit to discharge wastewater (*existing
manufacturing, commercial, mining, and silvicultural
operations*).



Printed on recycled paper



Please print or type in the unshaded areas only.		EPA I.D. NUMBER (copy from Item 1 of Form 1) VA0051926						Form Approved. OMB No. 2040-0086. Approval expires 3-31-98.	
FORM 2C NPDES	 U.S. ENVIRONMENTAL PROTECTION AGENCY APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURE OPERATIONS <i>Consolidated Permits Program</i>								
I. OUTFALL LOCATION									
For each outfall, list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.									
A. OUTFALL NUMBER (list)	B. LATITUDE			C. LONGITUDE			D. RECEIVING WATER (name)		
	1. DEG.	2. MIN.	3. SEC.	1. DEG.	2. MIN.	3. SEC.			
001	37.00	39.00	37.00	78.00	14.00	30.00	Big Cattail Creek		
002	37.00	39.00	20.00	78.00	14.00	40.00	Unnamed tributary to Sports Lake		
II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES									
A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.									
B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.									
1. OUTFALL NO. (list)	2. OPERATION(S) CONTRIBUTING FLOW					3. TREATMENT			
	a. OPERATION (list)		b. AVERAGE FLOW (include units)			a. DESCRIPTION		b. LIST CODES FROM TABLE 2C-1	
001	Stormwater Runoff		2,880 GPD			Retention pond		4-A	
	Hydrostatic Pressure Test Water		0.5 GPD/event			Retention pond		4-A	
002	Stormwater runoff		2,880 GPD			Retention pond		4-A	
OFFICIAL USE ONLY {effluent guidelines sub-categories}									

CONTINUED FROM THE FRONT

C. Except for storm runoff, leaks, or spills, are any of the discharges described in Items II-A or B intermittent or seasonal?

YES (complete the following table)

NO (go to Section III)

1. OUTFALL NUMBER (list)	2. OPERATION(s) CONTRIBUTING FLOW (list)	3. FREQUENCY		4. FLOW				C. DURATION (in days)
		a. DAYS PER WEEK (specify average)	b. MONTHS PER YEAR (specify average)	a. FLOW RATE (in mgd)	b. TOTAL VOLUME (specify with units)			
		1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY			
001	Hydrostatic pressure testing	4 times/year				0.50 MGD/event	1 day	

III. PRODUCTION

A. Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility?

YES (complete Item III-B)

NO (go to Section IV)

B. Are the limitations in the applicable effluent guideline expressed in terms of production (or other measure of operation)?

YES (complete Item III-C)

NO (go to Section IV)

C. If you answered "yes" to Item III-B, list the quantity which represents an actual measurement of your level of production, expressed in the terms and units used in the applicable effluent guideline, and indicate the affected outfalls.

1. AVERAGE DAILY PRODUCTION			2. AFFECTED OUTFALLS (list outfall numbers)
a. QUANTITY PER DAY	b. UNITS OF MEASURE	c. OPERATION, PRODUCT, MATERIAL, ETC. (specify)	

IV. IMPROVEMENTS

A. Are you now required by any Federal, State or local authority to meet any implementation schedule for the construction, upgrading or operations of wastewater treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.

YES (complete the following table)

NO (go to Item IV-B)

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE	
	a. NO.	b. SOURCE OF DISCHARGE		a. REQUIRED	b. PROJECTED

B. OPTIONAL: You may attach additional sheets describing any additional water pollution control programs (or other environmental projects which may affect your discharges) you now have underway or which you plan. Indicate whether each program is now underway or planned, and indicate your actual or planned schedules for construction.

MARK "X" IF DESCRIPTION OF ADDITIONAL CONTROL PROGRAMS IS ATTACHED

EPA I.D. NUMBER (copy from Item 1 of Form I)

VA0051926

CONTINUED FROM PAGE 2

V. INTAKE AND EFFLUENT CHARACTERISTICS

A, B, & C: See instructions before proceeding - Complete one set of tables for each outfall - Annotate the outfall number in the space provided.
NOTE: Tables V-A, V-B, and V-C are included on separate sheets numbered V-1 through V-9.

D. Use the space below to list any of the pollutants listed in Table 2c-3 of the instructions, which you know or have reason to believe is discharged or may be discharged from any outfall. For every pollutant you list, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

1. POLLUTANT	2. SOURCE	1. POLLUTANT	2. SOURCE
NA			

VI. POTENTIAL DISCHARGES NOT COVERED BY ANALYSIS

Is any pollutant listed in Item V-C a substance or a component of a substance which you currently use or manufacture as an intermediate or final product or byproduct?
 YES (list all such pollutants below) NO (go to Item VI-B)

CONTINUED FROM THE FRONT

VII. BIOLOGICAL TOXICITY TESTING DATA

Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last 3 years?

YES (identify the test(s) and describe their purposes below)

NO (go to Section VIII)

VIII. CONTRACT ANALYSIS INFORMATION

Were any of the analyses reported in Item V performed by a contract laboratory or consulting firm?

YES (list the name, address, and telephone number of, and pollutants analyzed by, each such laboratory or firm below)

NO (go to Section IX)

A. NAME	B. ADDRESS	C. TELEPHONE (area code & no.)	D. POLLUTANTS ANALYZED (list)

IX. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

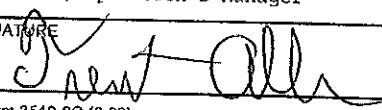
A. NAME & OFFICIAL TITLE (type or print)

Trent Allen, Operation's Manager

B. PHONE NO. (area code & no.)

(757) 545-7004

C. SIGNATURE



D. DATE SIGNED

8/2/11

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same form) instead of completing these pages.
SEE INSTRUCTIONS.

EPA ID. NUMBER (copy from Item 1 of Form 1)
VA0051926

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT			3. UNITS (specify if blank)			4. INTAKE (optional)		
	a. MAXIMUM DAILY VALUE (if available)	b. MAXIMUM 30 DAY VALUE (if available)	c. LONG TERM AVERAGE VALUE (if available)	d. NO. OF ANALYSES	e. CONCENTRATION (1) MASS (2) CONCENTRATION	f. MASS (1) CONCENTRATION (2) MASS	g. LONG TERM AVERAGE VALUE (1) MASS (2) MASS	h. NO. OF ANALYSES	
a. Biochemical Oxygen Demand (BOD)	<2						mg/L		
b. Chemical Oxygen Demand (COD)	<10						mg/L		
c. Total Organic Carbon (TOC)	2 . 3						mg/L		
d. Total Suspended Solids (TSS)	2 . 4						mg/L		
e. Ammonia (as N)	0 . 12						mg/L		
f. Flow	VALUE 2 , 860	VALUE	VALUE				GPD	VALUE	
g. Temperature (winter)	VALUE 4	VALUE	VALUE				°C	VALUE	
h. Temperature (summer)	VALUE 30	VALUE	VALUE				°C	VALUE	
i. pH	MINIMUM 6 . 9	MAXIMUM 7 . 44	MINIMUM MAXIMUM 7 . 44	MAXIMUM			STANDARD UNITS		
PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline. You must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.									
2. MARK "X"									
1. POLLUTANT AND CAS NO. (if available)	3. BELIEVED PRESENT ASSENT	a. MAXIMUM DAILY VALUE (if available)	b. MAXIMUM 30 DAY VALUE (if available)	c. LONG TERM AVERAGE VALUE (if available)	d. NO. OF ANALYSES	e. CONCENTRATION (1) MASS (2) CONCENTRATION	f. MASS (1) CONCENTRATION (2) MASS	g. LONG TERM AVERAGE VALUE (1) MASS (2) MASS	h. NO. OF ANALYSES
a. Bromide (2495-67-0)	X								
b. Chlorine, Total Residual	X								
c. Color	X								
d. Fecal Coliform	X								
e. Fluoride (16864-85-8)	X								
f. Nitrite-Nitric (as N)	X								

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"	3. EFFLUENT		4. UNITS		5. INTAKE (continued)	
		a. BELIEVED PRESENT	b. MAXIMUM DAILY VALUE (¹ if available)	c. LONG TERM AVRG. VALUE (¹ if available)	d. NO. OF ANALYSES	e. CONCEN- TRATION (¹)	f. NO. OF ANALYSES
g. Nitrogen, Total Organic (^{as N})	X						
h. Oil and Grease	X						
i. Phosphorus (as P), total (7723-14-0)	X						
j. Radioactivity							
(1) Alpha, Total	X						
(2) Beta, Total	X						
(3) Radium, Total	X						
(4) Radium 226, Total	X						
k. Sulfate (as SO ₄) (14808-79-8)	X						
l. Sulfide (as S)	X						
m. Sulfite (as SO ₃) (14285-45-3)	X						
n. Surfactants	X						
o. Aluminum, Total (7429-90-5)	X						
p. Barium, Total (7440-99-3)	X						
q. Boron, Total (7440-42-8)	X						
r. Cobalt, Total (7440-48-4)	X						
s. Iron, Total (7439-89-6)	X						
t. Magnesium, Total (7439-85-4)	X						
u. Molybdenum, Total (7439-98-7)	X						
v. Manganese, Total (7439-96-5)	X						
w. Tin, Total (7440-31-5)	X						
x. Titanium, Total (7440-32-6)	X						

CONTINUED FROM PAGE 3 OF FORM 2-C

EPA ID NUMBER (<i>copy from Item 1 of Form I</i>)	OUTFALL NUMBER
V40051926	001

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions, mark "X" in column 2-b for each pollutant you know or believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you are not required to mark column 2-a (secondary industries, nonprocess wastewater outfalls, and nonregulated GC/MS provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table (*all 7 pages*) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER <i>(if available)</i>	2. MARK "X"	3. EFFLUENT			4. UNITS			5. INTAKE <i>(optional)</i>				
		a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE <i>(if available)</i>	b. MAXIMUM 30 DAY VALUE <i>(if available)</i>	c. LONG TERM AVERAGE VALUE <i>(if available)</i>	d. NO. OF ANALYSES	a. CONCENTRATION <i>(1)</i>	b. MASS CONCENTRATION <i>(2)</i>	a. CONCENTRATION <i>(1)</i>	b. MASS CONCENTRATION <i>(2)</i>
METALS, CYANIDE, AND TOTAL PHENOLS												
1M. Antimony, Total (7440-36-0)			X									
2M. Arsenic, Total (7440-38-2)			X									
3M. Beryllium, Total (7440-41-7)			X									
4M. Cadmium, Total (7440-43-9)			X									
5M. Chromium, Total (7440-47-3)			X									
6M. Copper, Total (7440-56-8)			X									
7M. Lead, Total (7439-92-1)			X									
8M. Mercury, Total (7439-67-6)			X									
9M. Nickel, Total (7440-02-0)			X									
10M. Selenium, Total (7782-49-2)			X									
11M. Silver, Total (7440-02-4)			X									
12M. Thallium, Total (7440-28-0)			X									
13M. Zinc, Total (7440-66-6)			X									
14M. Cyanide, Total (57-12-5)			X									
15M. Phenols, Total			X									
DIOXIN												
2,3,7,8-Tetra-chlorodibenzo-p-Dioxin (1764-01-8)			X									
DESCRIBE RESULTS												

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"		3. EFFLUENT		4. UNITS		5. INTAKE (optional)	
	a. TESTING REQUIRED	b. BELIEVED PRESENT ABSENT	c. MAXIMUM DAILY VALUE (if available)	d. MAXIMUM 30 DAY VALUE (if available)	e. LONG TERM AVERG. VALUE (if available)	f. NO. OF ANALYSES	g. LONG TERM AVERAGE VALUE (¹)	h. NO. OF ANALYSES
GC/MS FRACTION - VOLATILE COMPOUNDS								
1V. Acrolein (107-02-8)		X						
2V. Acrylonitrile (107-13-1)		X						
3V. Benzene (71-43-2)		X						
4V. Bis (Chloro- methyl) Ether (54-88-1)		X						
5V. Bromoform (75-25-2)		X						
6V. Carbon Tetrachloride (58-23-5)		X						
7V. Chlorobenzene (108-90-7)		X						
8V. Chlorodi- bromomethane (124-46-1)		X						
9V. Chloroethane (75-00-3)		X						
10V. 2-Chloro- ethyl Vinyl Ether (110-75-8)		X						
11V. Chloroform (67-66-3)		X						
12V. Dichloro- bromomethane (75-27-4)		X						
13V. Dichloro- difluoromethane (75-71-8)		X						
14V. 1,1-Dichloro- ethane (75-34-3)		X						
15V. 1,2-Dichloro- ethane (107-06-2)		X						
16V. 1,1-Dichloro- ethylene (75-35-4)		X						
17V. 1,2-Dichloro- propane (78-87-5)		X						
18V. 1,3-Dichloro- propylene (542-75-6)		X						
19V. Ethylbenzene (100-41-4)		X						
20V. Methyl Bromide (74-83-9)		X						
21V. Methyl Chloride (74-87-3)		X						

CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"		3. EFFLUENT		4. UNITS		5. INTAKE (optional)	
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. MAXIMUM DAILY VALUE CONCENTRATION (1) (2) MASS	b. MAXIMUM 30 DAY VALUE CONCENTRATION (1) (2) MASS	c. LONG TERM AVEG. VALUE (if available)	d. NO. OF ANALYSES (1) (2) MASS	e. LONG TERM AVERAGE VALUE	f. NO. OF ANALYSES (1) (2) MASS
GC/MS FRACTION - VOLATILE COMPOUNDS (continued)								
22V. Methylene Chloride (75-09-2)		X						
23V. 1,1,2,2-Tetrachloroethane (79-34-5)		X						
24V. Tetrachloro-ethylene (127-18-4)		X						
25V. Toluene (108-88-3)		X						
26V. 1,2-Trans-Dichloroethylene (156-50-5)		X						
27V. 1,1,1-Trichloro-ethane (71-55-6)		X						
28V. 1,1,2-Trichloro-ethane (79-00-5)		X						
29V. Trichloro-ethylene (79-01-6)		X						
30V. Trichloro-fluromethane (75-69-4)		X						
31V. Vinyl Chloride (75-01-4)		X						
GC/MS FRACTION - ACID COMPOUNDS								
1A. 2-Chlorophenol (95-57-8)		X						
2A. 2,4-Dichlorophenol (120-83-2)		X						
3A. 2,4-Dimethyl-phenol (105-67-9)		X						
4A. 4,6-Dinitro-O-Cresol (534-52-1)		X						
5A. 2,4-Dinitro-phenol (51-128-5)		X						
6A. 2-Nitrophenol (88-75-5)		X						
7A. 4-Nitrophenol (100-02-7)		X						
8A. p-Chloro-M-Cresol (69-50-7)		X						
9A. Pentachloro-phenol (87-46-5)		X						
10A. Phenol (108-95-2)		X						
11A. 2,4,6-Trichloro-phenol (68-05-2)		X						

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK-X*		3. EFFLUENT		4. UNITS		5. INTAKE (optional)	
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	b. MASS CONCENTRATION (2)	c. LONG TERM AVRG. VALUE (if available)	d. NO. OF ANALYSES	e. LONG TERM AVERAGE VALUE
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS								
12. Acenaphthene (83-32-9)		X						
2B. Acenaphthylene (208-98-8)		X						
3B. Anthracene (120-12-7)		X						
4B. Benzidine (82-37-5)		X						
5B. Benzo (a) Anthracene (56-55-3)		X						
6B. Benzo (a) Pyrene (50-32-8)		X						
7B. 3,4-Benzothiophene (206-99-2)		X						
8B. Benzo (a <i>ii</i>) Paraffene (91-24-2)		X						
9B. Benzo (k) Fluoranthene (207-08-9)		X						
10B. Bis (2-Chloro-ethoxy) Methane (111-91-1)		X						
11B. Bis (2-Chloro-ethyl) Ether (111-44-4)		X						
12B. Bis (2-Chloro-propyl) Ether (102-80-1)		X						
13B. Bis (2-Ethyl-hexyl) Phthalate (117-81-7)		X						
14B. 4-Bromophenyl Phenyl Ether (101-55-3)		X						
15B. Butyl Benzyl Phthalate (68-68-7)		X						
16B. 2-Chloronaphthalene (91-58-7)		X						
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)		X						
18B. Chrysene (218-01-8)		X						
19B. Dibenz (a,h) Anthracene (53-70-3)		X						
20B. 1,2-Dichlorobenzene (95-50-1)		X						
21B. 1,3-Dichlorobenzene (54-17-3)		X						

CONTINUE ON PAGE V-7

PAGE V-6

CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"	3. EFFLUENT			4. UNITS			5. INTAKE (optional)		
		a. TESTING REQUIRED	b. BELOWED PRESENT	c. MAXIMUM DAILY VALUE (if available)	b. MAXIMUM 30 DAY VALUE (if available)	c. LONG TERM AVEG. VALUE (if available)	d. NO OF CONCEN- TRATION ANALYSES	e. CONCEN- TRATION (1) MASS CONCENTRATION	b. MASS CONCENTRATION (2) MASS CONCENTRATION	f. LONG TERM AVERAGE VALUE (1) MASS CONCENTRATION
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)										
22B. 1,4-Dichloro- benzene (106-48-7)	X									
23B. 3,3'-Dichloro- benzidine (91-94-1)		X								
24B. Diethyl Phthalate (84-66-2)		X								
25B. Dimethyl Phthalate (131-11-3)		X								
26B. Di-N-Butyl Phthalate (83-74-2)		X								
27B. 2,4-Dinitro- toluene (121-14-2)		X								
28B. 2,6-Dinitro- toluene (606-20-2)		X								
29B. Di-N-Octyl Phthalate (117-84-0)		X								
30B. 1,2-Diphenyl- hydrazine (as Azo- benzene) (122-66-7)		X								
31B. Fluoranthene (206-44-0)		X								
32B. Fluorene (96-73-7)		X								
33B. Hexachloro- benzene (115-74-1)		X								
34B. Hexachloro- butadiene (87-58-3)		X								
35B. Hexachloro- cyclooctadiene (77-47-4)		X								
36B. Hexachloro- ethane (67-72-1)		X								
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)		X								
38B. Isophorone (78-59-1)		X								
39B. Naphthalene (91-20-3)		X								
40B. Nitrobenzene (98-95-5)		X								
41B. N-Nitro- sodimethylamine (62-75-5)		X								
42B. N-Nitrosodi- N-propylamine (621-64-7)		X								

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"		3. EFFLUENT		4. UNITS		5. INTAKE (optional)	
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. MAXIMUM 30 DAY VALUE (if available)	b. MAXIMUM DAILY VALUE (if available)	c. LONG TERM AVERAGE VALUE (if available)	c. LONG TERM AVERAGE VALUE (if available)	d. NO. OF ANALYSES (1) (2) MASS CONCENTRATION	d. NO. OF ANALYSES (1) (2) MASS CONCENTRATION
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)								
43B. N-Nitroso-diphenylamine (86-34-6)		X						
44B. Phenanthrene (85-01-8)		X						
45B. Pyrene (126-00-0)		X						
46B. 1,2,4-Tri-chlorobenzene (120-92-1)		X						
GC/MS FRACTION - PESTICIDES								
1P. Aldrin (308-00-2)		X						
2P. α -BHC (319-84-6)		X						
3P. β -BHC (319-85-7)		X						
4P. γ -BHC (58-88-9)		X						
5P. δ -BHC (319-86-8)		X						
6P. Chlordane (57-74-9)		X						
7P. 4,4'-DDT (56-29-3)		X						
8P. 4,4'-DDE (72-55-9)		X						
9P. 4,4'-DDD (72-54-8)		X						
10P. Dieldrin (60-57-1)		X						
11P. α -Endosulfan (115-28-7)		X						
12P. β -Endosulfan (115-29-7)		X						
13P. Endosulfan Sulfate (103-107-8)		X						
14P. Endrin (72-20-8)		X						
15P. Endrin Alachlor (7421-93-4)		X						
16P. Heptachlor (76-44-9)		X						

CONTINUED FROM PAGE V-8	OUTFALL NUMBER VA00051926	001
-------------------------	------------------------------	-----

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"	3. EFFLUENT						4. UNITS						5. INTAKE (continued)		
		a. TESTED REQUIRED	b. BELIEVED PRESENT	c. MAXIMUM DAILY VALUE (if available)	b. MAXIMUM 30 DAY VALUE (if available)	c. LONG TERM AVERAGE VALUE (if available)	d. NO. OF ANALYSES	a. CONCENTRATION (1) (2) MASS CONCENTRATION	b. MASS CONCENTRATION (1) (2) MASS CONCENTRATION	a. CONCENTRATION (1) (2) MASS CONCENTRATION	b. MASS CONCENTRATION (1) (2) MASS CONCENTRATION	a. LONG TERM AVERAGE VALUE	b. NO. OF ANALYSES	b. NO. OF ANALYSES		
GCM'S FRACTION - PESTICIDES (continued)																
17P. Heptachlor			X													
Epoxyde (1024-57-3)			X													
18P. PCB-1242 (53-489-21-8)			X													
19P. PCB-1254 (11037-49-1)			X													
20P. PCB-1221 (11104-28-2)			X													
21P. PCB-1232 (11141-16-5)			X													
22P. PCB-1248 (12672-29-6)			X													
23P. PCB-1260 (11036-82-5)			X													
24P. PCB-1016 (12674-11-2)			X													
25P. Toxaphene (800-135-2)			X													

PLEASE PRINT OR TYPE IN THE UNSHADDED AREAS ONLY. You may report some or all of this information on separate sheets use the same format instead of completing these pages.
SEE INSTRUCTIONS.

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT						3. UNITS (specify if blank)	4. INTAKE (optional)		
	a. MAXIMUM DAILY VALUE (<i>if available</i>)	b. MAXIMUM 30 DAY VALUE (<i>if available</i>)	c. LONG TERM AVR.G. VALUE (<i>if available</i>)	d. NO. OF ANALYSES	e. CONCENTRATION (<i>if available</i>)	f. LONG TERM AVERAGE VALUE		g. CONCENTRATION (<i>if available</i>)	h. NO. OF ANALYSES	
1. POLLUTANT CONCENTRATION (¹)	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	
a. Biochemical Oxygen Demand (BOD)	4 . 4									
b. Chemical Oxygen Demand (COD)	66 . 0									
c. Total Organic Carbon (TOC)	5 . 1									
d. Total Suspended Solids (TSS)	542									
e. Ammonia (<i>as N</i>)	< 0 . 1									
f. Flow	VALUE 2 , 880	VALUE	VALUE	VALUE	VALUE	VALUE	GPD	VALUE		
g. Temperature (winter)	VALUE 4	VALUE	VALUE	VALUE	VALUE	VALUE	°C	VALUE		
h. Temperature (summer)	VALUE 30	VALUE	VALUE	VALUE	VALUE	VALUE	°C	VALUE		
i. pH	MINIMUM 6 . 49	MAXIMUM 7 . 44	MINIMUM	MAXIMUM	MAXIMUM	MAXIMUM	STANDARD UNITS			
PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.										
2. MARK "X"		3. EFFLUENT								
1. POLLUTANT AND CAS NO.	a. BELIEVED PRESENT <i>(if available)</i>	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (<i>if available</i>)	b. MAXIMUM 30 DAY VALUE (<i>if available</i>)	c. LONG TERM AVR.G. VALUE (<i>if available</i>)	d. NO. OF ANALYSES	e. CONCENTRATION (<i>if available</i>)	f. LONG TERM AVERAGE VALUE	5. INTAKE (optional)	
a. Bromide (24959-57-9)	X									
b. Chlorine, Total Residual	X									
c. Color	X									
d. Fecal Coliform	X									
e. Fluoride (10984-48-8)	X									
f. Nitrate-Nitrite (as N)	X									

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)		2. MARK X*		3. EFFLUENT BELOWED PRESENT		4. UNITS		5. INTAKE (approximate)	
				a. MAXIMUM DAILY VALUE (if available) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) CONCENTRATION	c. LONG TERM AVERG. VALUE (if available) CONCENTRATION	d. NO. OF ANALYSES	e. LONG TERM AVERAGE VALUE MASS CONCENTRATION	f. NO. OF ANALYSES
				(1) MASS	(2) MASS	(1) MASS	(2) MASS	(1) MASS	(2) MASS
g. Nitrogen, Total Organic (as N)	X	X	X						
h. Oil and Grease	X	X	X						
i. Phosphorous (as P), Total (7723-14-0)	X	X	X						
j. Radioactivity									
(1) Alpha, Total	X	X	X						
(2) Beta, Total	X	X	X						
(3) Radium, Total	X	X	X						
(4) Radium 226, Total	X	X	X						
k. Sulfate (as SO ₄) (14808-79-8)	X	X	X						
l. Sulfide (as S)	X	X	X						
m. Sulfite (as SO ₃) (14265-15-3)	X	X	X						
n. Surfactants	X	X	X						
o. Aluminum, Total (7429-90-5)	X	X	X						
p. Barium, Total (7440-35-3)	X	X	X						
q. Boron, Total (7440-42-8)	X	X	X						
r. Cobalt, Total (7440-31-8)	X	X	X						
s. Iron, Total (7439-88-6)	X	X	X						
t. Magnesium, Total (7439-95-4)	X	X	X						
v. Manganese, Total (7439-96-5)	X	X	X						
w. Tin, Total (7440-31-5)	X	X	X						
x. Titanium, Total (7440-32-8)	X	X	X						

CONTINUED FROM PAGE 3 OF FORM 2-C

EPA I.D. NUMBER (copy from /am. 1 of form 1)	OUTFALL NUMBER VA0051926 002
--	------------------------------------

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2-c in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions; mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table (all 7 pages) for each outfall. See instructions for additional details and requirements.

2. MARK "X"		3. EFFLUENT		4. UNITS		5. INTAKE (annual)	
POLLUTANT AND CAS NUMBER <i>(if applicable)</i>	a. TESTING REQUIRED PRESENT	b. BELIEVED PRESENT	c. BELIEVED ABSENT	b. MAXIMUM DAILY VALUE ⁽¹⁾	c. LONG TERM AVERAGE VALUE ⁽¹⁾	d. NO. OF ANALYSES	b. LONG TERM AVERAGE VALUE
METALS, CYANIDE, AND TOTAL PHENOLS				(2) MASS CONCENTRATION	(2) MASS CONCENTRATION	(2) MASS CONCENTRATION	b. MASS CONCENTRATION
1M. Antimony, Total (7440-36-0)			X				
2M. Arsenic, Total (7440-38-2)			X				
3M. Beryllium, Total (7440-41-7)		X					
4M. Cadmium, Total (7440-43-9)		X					
5M. Chromium, Total (7440-47-3)		X					
6M. Copper, Total (7440-50-8)		X					
7M. Lead, Total (7439-92-1)		X					
8M. Mercury, Total (7439-97-6)		X					
9M. Nickel, Total (7440-22-0)		X					
10M. Selenium, Total (7782-49-2)		X					
11M. Silver, Total (7440-22-4)		X					
12M. Thallium, Total (7440-28-0)		X					
13M. Zinc, Total (7440-66-6)		X					
14M. Cyanide, Total (57-12-5)		X					
15M. Phenols, Total		X					
DIOXIN							
2,3,7,8-Tetra- chlorodibenzo-P- Dioxin (1164-01-6)			X				
DESCRIBE RESULTS							

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" TESTING REQUIRED	3. EFFLUENT BELIEVED PRESENT	4. UNITS	5. INTAKE (mg/min)			
				a. MAXIMUM DAILY VALUE CONCENTRATION (1) MASS (2) CONCENTRATION	b. MAXIMUM 30 DAY VALUE CONCENTRATION (1) MASS (2) CONCENTRATION	c. LONG TERM AVERAGE VALUE (if available)	d. NO. OF ANALYSES
GC/MS FRACTION - VOLATILE COMPOUNDS							
1V. Acrolein (107-02-8)	X	X					
2V. Acrylonitrile (107-13-1)	X	X					
3V. Benzene (71-43-2)	X	X					
4V. Bis (Chloro- methyl) Ether (542-28-1)	X	X					
5V. Bromoform (75-25-2)	X	X					
6V. Carbon Tetrachloride (56-23-5)	X	X					
7V. Chlorobenzene (108-80-7)	X	X					
8V. Chlorodi- bromomethane (124-48-1)	X	X					
9V. Chlooroethane (75-00-3)	X	X					
10V. 2-Chloro- ethylvinyl Ether (110-15-8)	X	X					
11V. Chloroform (67-86-3)	X	X					
12V. Dichloro- bromomethane (75-27-4)	X	X					
13V. Dichloro- difluoromethane (75-71-8)	X	X					
14V. 1,1-Dichloro- ethane (75-34-3)	X	X					
15V. 1,2-Dichloro- ethane (107-06-2)	X	X					
16V. 1,1-Dichloro- ethylene (75-35-4)	X	X					
17V. 1,2-Dichloro- propane (78-87-5)	X	X					
18V. 1,3-Dichloro- propane (55-27-6)	X	X					
19V. Ethylbenzene (100-41-4)	X	X					
20V. Methyl Bromide (74-83-9)	X	X					
21V. Methyl Chloride (74-87-5)	X	X					

CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"		3. EFFLUENT		4. UNITS		5. INTAKE (optimal)		
	a. TESTING REQUIRED	b. BELOWED PRESENT	c. BELIEVED PRESENT	b. MAXIMUM DAILY VALUE (if feasible)	c. LONG TERM AVG. VALUE (if available)	d. NO. OF ANALYSES	a. CONCEN- TRATION (¹) (2) MASS CONCENTRATION	b. MASS (¹) (2) MASS CONCENTRATION	a. LONG TERM AVERAGE VALUE ² b. NO. OF ANALYSES
GC/MS FRACTION - VOLATILE COMPOUNDS (continued)									
22V. Methylene Chloride (75-09-2)		X							
23V. 1,1,2,2-Tetrachloroethane (79-34-5)		X							
24V. Tetrahydro- ethylene (127-18-4)		X							
25V. Toluene (108-88-3)		X							
26V. 1,2-Trans- Dichloroethylene (158-60-5)		X							
27V. 1,1,1-Trichloro- ethane (71-55-6)		X							
28V. 1,1,2-Trichloro- ethane (79-00-5)		X							
29V. Trichloro- ethylene (79-01-6)		X							
30V. Trichloro- fluoromethane (75-69-4)		X							
31V. Vinyl Chloride (75-01-4)		X							
GC/MS FRACTION - ACID COMPOUNDS									
1A. 2-Chlorophenol (95-57-2)		X							
2A. 2,4-Dichloro- phenol (120-83-2)		X							
3A. 2,4-Dimethyl- phenol (105-67-9)		X							
4A. 4,6-Dinitro-C- Cresol (534-52-1)		X							
5A. 2,4-Dinitro- phenol (51-28-5)		X							
6A. 2-Nitrophenol (38-75-5)		X							
7A. 4-Nitrophenol (110-02-7)		X							
8A. P-Chloro-M- Cresol (59-50-7)		X							
9A. Pentachloro- phenol (87-86-5)		X							
10A. Phenol (108-95-2)		X							
11A. 2,4,6-Trichloro- phenol (98-05-2)		X							

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'		3. EFFLUENT		4. UNITS		5. INTAKE (continued)	
	a. TESTING REQUIRED	b. BELOWED PRESENT	c. MAXIMUM DAILY VALUE (if available)	b. MAXIMUM 30 DAY VALUE (if available)	c. LONG TERM AVERG. VALUE (if available)	a. LONG TERM AVERAGE VALUE	d. NO. OF ANALYSES	e. NO. OF ANALYSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS								
1B. Acenaphthene (83-32-9)		X						
2B. Acenaphthylene (203-96-8)		X						
3B. Anthracene (120-12-7)		X						
4B. Benzidine (92-57-5)		X						
5B. Benzo (a) Antracene (56-55-3)		X						
6B. Benzo (g) Pyrene (50-32-8)		X						
7B. 3,4-Benzo- Fluoranthene (205-99-2)		X						
8B. Benzo (b) Perylene (191-24-2)		X						
9B. Benzo (k) Fluoranthene (207-08-9)		X						
10B. Bis (2-Chloro- ethoxy) Methane (111-91-1)		X						
11B. Bis (2-Chloro- ethyl) Ether (111-44-4)		X						
12B. Bis (2- Chlorosulfonyl) Ether (102-80-1)		X						
13B. Bis (2-Ethyl- hexyl) Phthalate (101-55-3)		X						
14B. 4-Bromophenyl Phenyl Ether (117-81-7)		X						
15B. Butyl Benzyl Phthalate (85-68-7)		X						
16B. 2-Chloro- Naphthalene (91-58-7)		X						
17B. 4-Chloro- phenyl Phenyl Ether (7005-72-3)		X						
18B. Chrysene (218-01-9)		X						
19B. Dibenzo (a,h) Anthracene (53-70-3)		X						
20B. 1,2-Dichloro- benzene (95-50-1)		X						
21B. 1,3-Dichloro- benzene (54-17-1)		X						

CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK X		3. EFFLUENT		4. UNITS		5. INTAKE (optional)	
	a. TESTING REQUIRED	b. BELOW PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (¹)	b. MAXIMUM 30 DAY VALUE (if available)	c. LONG TERM AVERAGE VALUE (<i>if available</i>)	d. NO. OF ANALYSES	e. LONG TERM AVERAGE VALUE
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)								
22B. 1,4-Dichlorobenzene (106-46-7)	X							
23B. 3,3-Dichlorobenzidine (51-94-1)	X	X						
24B. Diethyl Phthalate (84-66-2)	X	X						
25B. Dimethyl Phthalate ((131-11-3)	X	X						
26B. Di-N-Butyl Phthalate (84-74-2)	X	X						
27B. 2,4-Dinitrotoluene (121-14-2)	X	X						
28B. 2,6-Dinitrotoluene (605-20-2)	X	X						
29B. Di-N-Octyl Phthalate (11-94-0)	X	X						
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)	X	X						
31B. Fluoranthene (205-44-0)	X	X						
32B. Fluorene (86-73-7)	X	X						
33B. Hexachlorobenzene (118-74-1)	X	X						
34B. Hexachlorobutadiene (87-88-3)	X	X						
35B. Hexachlorocyclopentadiene (77-47-4)	X	X						
36B. Hexachloroethane (67-72-1)	X	X						
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)	X	X						
38B. Isophorone (78-59-1)	X	X						
39B. Naphthalene (91-20-3)	X	X						
40B. Nitrobenzene (98-95-3)	X	X						
41B. N-Nitrosodimethylamine (62-75-9)	X	X						
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X	X						

CONTINUE ON REVERSE

PAGE V-7

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER <i>(if unavailable)</i>	2. MARK "X"		3. EFFLUENT		4. UNITS		5. INTAKE (<i>optimal</i>)	
	a. TESTING REQUIRED	b. BELOWED PRESENT	c. BELIEVED PRESENT	a. MAXIMUM DAILY VALUE ⁽¹⁾	b. MAXIMUM 30 DAY VALUE <i>(if available)</i>	c. LONG TERM AVERAGE VALUE <i>(if available)</i> ⁽¹⁾	d. NO. OF ANALYSES	a. CONCENTRATION ⁽²⁾
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)								
43B. N-Nitro-sodiphenylamine (86-30-6)			X					
44B. Phenanthrene (85-01-8)			X					
45B. Purene (129-00-9)			X					
46B. 1,2,4-Trichlorobenzene (120-82-1)			X					
GC/MS FRACTION - PESTICIDES								
1P. Aldrin (309-00-2)			X					
2P. α -BHC (319-84-6)			X					
3P. β -BHC (319-85-7)			X					
4P. γ -BHC (52-39-9)			X					
5P. δ -BHC (319-86-8)			X					
6P. Chlordane (57-74-9)			X					
7P. 4,4'-DDT (50-28-3)			X					
8P. 4,4'-DDE (72-55-9)			X					
9P. 4,4'-DDD (72-54-8)			X					
10P. Dieldrin (60-57-1)			X					
11P. α -Endosulfan (115-29-7)			X					
12P. β -Endosulfan (115-29-7)			X					
13P. Endosulfan Sulfate (1031-07-8)			X					
14P. Endrin (72-20-8)			X					
15P. Endrin Aldehyde (7421-93-4)			X					
16P. Heptachlor (76-44-8)			X					

CONTINUED FROM PAGE V-8		EPA I.D. NUMBER (copy from Item 1 of form I)		OUTFALL NUMBER					
		VA 0051926		002					
1. POLLUTANT AND CAS NUMBER <i>(if available)</i>		2. MARK "X"		3. EFFLUENT		4. UNITS		5. INTAKE (<i>optimal</i>)	
a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ASSENT	d. MAXIMUM DAILY VALUE <i>(if available)</i>	e. MAXIMUM 30 DAY VALUE <i>(if available)</i>	f. LONG TERM AVERAGE VALUE <i>(if available)</i>	g. LONG TERM AVERAGE VALUE <i>(if available)</i>	h. NO. OF ANALYSES	i. CONCENTRATION ⁽¹⁾ (2) MASS CONCENTRATION	j. CONCENTRATION ⁽¹⁾ (2) MASS CONCENTRATION
GC/MS FRACTION - PESTICIDES <i>(continued)</i>									
17P. Heptachlor Ebowide		X							
(1024-57-3)									
18P. PCB-1242		X							
(534-69-21-9)									
19P. PCB-1254		X							
(111097-69-1)									
20P. PCB-1221		X							
(11104-28-2)									
21P. PCB-1232		X							
(11147-16-5)									
22P. PCB-1248		X							
(12672-29-6)									
23P. PCB-1260		X							
(11096-82-5)									
24P. PCB-1016		X							
(12674-11-2)									
25P. Toxaphene		X							
(6001-35-2)									



2109A North Hamilton Street • Richmond, Virginia 23230 • Tel: (804) 358-8295 Fax: (804) 358-8297

Certificate of Analysis

Final Report

Laboratory Order ID 11060549

Client Name:	APEX Companies, LLC. 8809 Sudley Road Suite 204 Manassas, VA 20110	Date Received:	June 30, 2011
Submitted To:	Andrea Owen	Date Issued:	July 08, 2011
Client Site I.D.:	MJ - Colonial Pipeline	Project Number:	NA
		Purchase Order	NA

Sample Summary List

Laboratory	Sample ID	Sample ID	Sample Date	Receive Date
	11060549-001	MJ-001	06/30/2011	06/30/2011
	11060549-002	MJ-002	06/30/2011	06/30/2011



Ted Soyars

Laboratory Manager

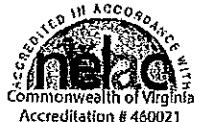
End Notes:

The test results listed in this report relate only to the samples submitted to the laboratory and as received by the Laboratory.

Unless otherwise noted, the test results for solid materials are calculated on a dry weight basis. Analyses for pH, dissolved oxygen, temperature, residual chlorine and sulfite that are performed in the laboratory do not meet NELAC requirements due to extremely short holding times. These analyses should be performed in the field. The results of field analyses performed by the Sampler included in the Certificate of Analysis are done so at the client's request and are not included in the laboratory's fields of certification nor have they been audited for adherence to a reference method or procedure.

The signature on the final report certifies that these results conform to all applicable NELAC standards unless otherwise specified. For a complete list of the Laboratory's NELAC certified parameters please contact customer service.

This report shall not be reproduced except in full without the expressed and written approval of an authorized representative of Air Water & Soil Laboratories, Inc.



070820111545



2109A North Hamilton Street • Richmond, Virginia 23230 • Tel: (804) 358-8295 Fax: (804) 358-8297

Certificate of Analysis

Final Report

Laboratory Order ID 11060549

Client Name: APEX Companies, LLC.
8809 Sudley Road
Suite 204
Manassas, VA 20110

Date Received: June 30, 2011
Date Issued: July 08, 2011

Submitted To: Andrea Owen

Project Number: NA

Client Site I.D.: MJ - Colonial Pipeline

Purchase Order: NA

Analytical Results

Sample I.D.: MJ-001

Laboratory Sample I.D.: 11060549-001

Date/Time Sampled: 06/30/11 10:50

Parameter	Method	Sample Results	Qual	Rep Liml	Samp Prep Date/Time	Analysis Date/Time	Analyst
Ammonia	EPA350.1/R2.0	0.12 mg/L		0.1	07/06/2011 12:23	07/08/2011 12:23	JPV
BOD	SM18/5210B	< 2 mg/L		2	07/01/2011 00:00	07/01/2011 00:00	KAA
COD	EPA410.4/R2.0	< 10 mg/L		10	07/07/2011 09:00	07/07/2011 09:00	MBL
TSS	SM18/2540D	2.4 mg/L		1	06/30/2011 14:25	06/30/2011 14:25	NMK
Total Organic Carbon (TOC)	SM18/6310C	2.3 mg/L		1	07/01/2011 17:17	07/01/2011 17:17	BHW

Analytical Results

Sample I.D.: MJ-002

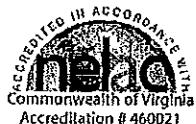
Laboratory Sample I.D.: 11060549-002

Date/Time Sampled: 06/30/11 11:20

Parameter	Method	Sample Results	Qual	Rep Liml	Samp Prep Date/Time	Analysis Date/Time	Analyst
Ammonia	EPA350.1/R2.0	< 0.1 mg/L		0.1	07/06/2011 12:30	07/08/2011 12:30	JPV
BOD	SM18/5210B	4.4 mg/L		2	07/01/2011 00:00	07/01/2011 00:00	KAA
COD	EPA410.4/R2.0	66.0 mg/L		10	07/07/2011 09:00	07/07/2011 09:00	MBL
TSS	SM18/2540D	542 mg/L		1	06/30/2011 14:25	06/30/2011 14:25	NMK
Total Organic Carbon (TOC)	SM18/6310C	5.1 mg/L		1	07/01/2011 17:17	07/01/2011 17:17	BHW

Summary of Analytical QC Batches

QC Batch ID	Method	Sample List
QC110701029	SM18/2540D	11060549-001, -002
QC110705002	SM18/6310C	11060549-001, -002
QC110708029	EPA350.1/R2.0	11060549-001, -002
QC110707003	SM18/5210B	11060549-001, -002
QC110708008	EPA410.4/R2.0	11060549-001, -002



070820111545



2109A North Hamilton Street • Richmond, Virginia 23230 • Tel : (804) 3

APEX-Manassa 11060549

MJ - Colonial Pipeline

Barcode

DUE: 5 Days
Recd: 06/30/11

Sample Conditions Checklist

Opened by: (Initials) JCK

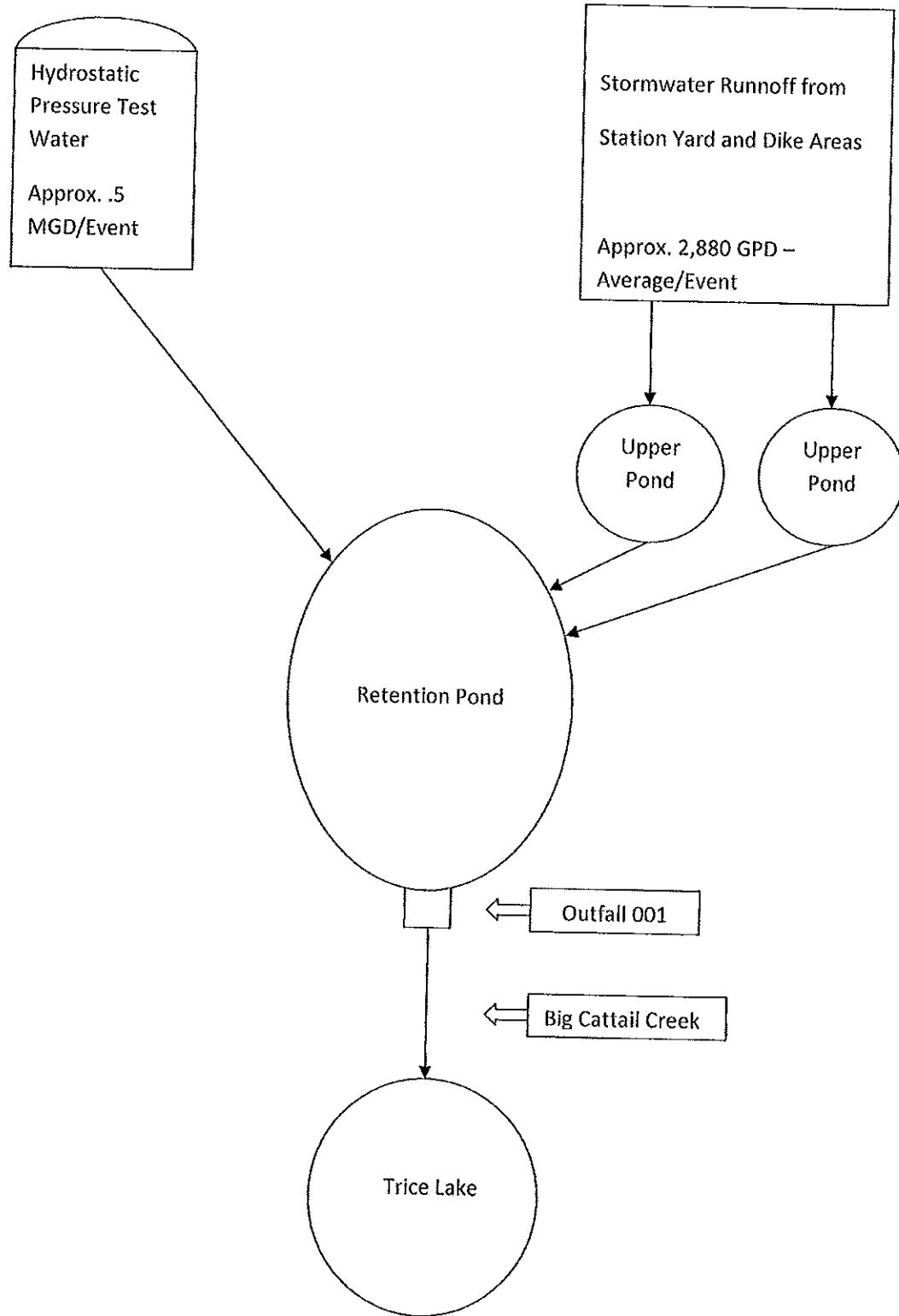
Lab ID No.:

Date Cooler Opened: 10/30/11

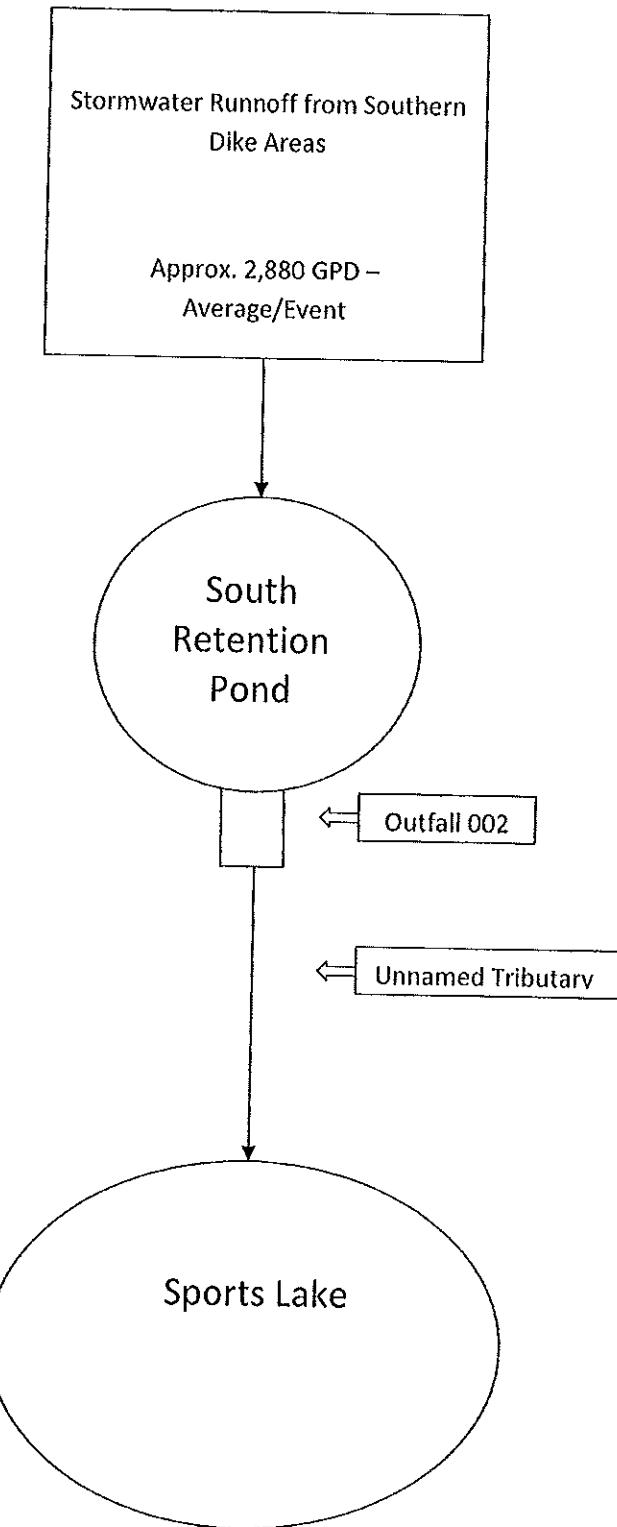
	YES	NO	N/A
1. How were samples received?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Fed Ex	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UPS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Courier	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Walk In	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Were custody seals used?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. If yes, are custody seals unbroken and intact at the date and time of arrival?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Are the custody papers filled out completely and correctly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Do all bottle labels agree with custody papers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Are the samples received on ice?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Is the temperature blank or representative sample within acceptable limits? (above freezing to 6°C)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Are all samples within holding time for requested laboratory tests?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Is a sufficient amount of sample provided to perform the tests indicated?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Are all samples in proper containers for the analyses requested?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Are all samples appropriately preserved for the analyses requested?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Are all volatile organic containers free of headspace?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

COMMENTS

Mitchell Junction Facility
North Property



Mitchell Junction Facility
South Property



PUBLIC NOTICE BILLING INFORMATION

I hereby authorize the Department of Environmental Quality to have the cost of publishing a public notice billed to the Agent/Department shown below. The public notice will be published once a week for two consecutive weeks in _____ in accordance with 9 VAC 25-31-290.C.2.

Agent/Department to be billed: Megan Kearney – Colonial Pipeline Company

Owner: Colonial Pipeline Company – Trent Allen

Agent/Department Address: 425 Duncan Store Rd, Columbia, VA 23038

Please fax invoice to Colonial Pipeline Imaging.
Fax #: 888-466-5640 Pay Key #2667

Agent's Telephone No.: (804) 375 - 3268

Printed Name: Megan Kearney

Authorizing Agent – Signature: 

Date: 7/18/2011

VPDES Permit No. VA0051926
Facility Name: Mitchell Junction